IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. :

(Nat'l Stage of PCT/JP2003/003483)

Applicant Filed

Yoshifumi Kachi, et al. On even date herewith

Tech. Cntr./Art Unit :

(To be assigned)

Examiner

(To be assigned)

Docket No.

39.026-AG

Customer No.

29453

Honorable Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This constitutes an Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98. The documents listed on the accompanying Form PTO/SB/08A are hereby brought to the Examiner's attention in the patent application identified above.

REMARKS

Cite Nos. F1 through F3, listed on Form PTO/SB/08A submitted herewith, were cited in the International Search Report for PCT/JP2003/003483, of which the presently submitted patent application is to be the National Stage. Among these, Cite Nos. F2 and F3 are not in English.

Furthermore, Cite No. F4 listed on Form PTO/SB/08A is not in English either.

Concise Explanation of Relevance/Copy of Translation Pursuant to 37 C.F.R. § 1.98(a)(3)

As a concise explanation of the relevance of the presently submitted non-English references from the International Search Report, i.e., Cite Nos. F2 and F3, a copy of the International Search Report in English also accompanies this paper.

Nat'l. Stage of Int'l. App. No. PCT/JP2003/003483 IDS Submission dated June 30, 2004

The entire "Background Art" section of the specification in the present application amounts to a concise explanation of the relevance of Cite No. F4.

Furthermore, English abstracts of Cite Nos. F2 through F4 are available, and a copy of the corresponding abstract is attached to the front of each reference. (Note that Cite No. F4 is a published Japanese examined patent application, as opposed to a published Japanese unexamined patent application, which is what Cite Nos. F2 and F3 are. Nevertheless, the English abstracts for Cite No. F4 is taken from the published corresponding unexamined patent application.)

The Examiner is respectfully requested to consider these references, to indicate so on the accompanying Form PTO/SB/08A, and to make the document of record in the present application.

Respectfully submitted,

June 30, 2004

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE				Complete if Known		
			201 001105	Application Number	(To be assigned)	
			SCLOSURE	Filing Date	March 20, 2003 [371(c) date]	
STATEMENT BY APPLICANT				First Named Inventor	Yoshifumi Kachi	
				Art Unit	(To be assigned)	
(use as many sheets as necessary)			necessary)	Examiner Name	(To be assigned)	
Sheet	1	of	1	Attorney Docket Number	39.026-AG	

U.S. PATENT DOCUMENTS						
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	U1	US-5,231,690	07-27-1993	Soma et al.		
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FOREIGN PATENT DOCUMENTS					
Examiner Initials		Foreign Patent Document Country Code3 -Number4 - Kind Code9 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear T ⁶
	F1	EP-1-199-908-A1	04-24-2002	Ibiden Co., Ltd.	-
	F2	JP-2002-025750-A	01-25-2002	Ibiden Co., Ltd.	/
	F3	WO-01/63972-A1	08-30-2001	Ibiden Co., Ltd.	~
	F4	JP-H06-028258-B2	04-13-1994	NGK Insulators Ltd.	
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Examiner	/Satish Chandra/	Date	- 00/40/000
Signature	/Satish Chandra/	Considered	08/13/2008

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gcv or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.